PTO/SB/05 (11-00)

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		8729-214					
First Inventor		LEE, Jung-Bae					
Title	DATA INPUT (CIRCUIT AND METHOD FOR	79				
Expre	ss Mail Label N	o. EL922712550US	7				

APPLICA	ATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application							
	cerning utility patent application conte	Washington, DC 20231							
	form (e.g., PTO/SB/17) a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
2. Applicant claims s See 37 CFR 1.27			Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
3. Specification (preferred arrangement)	[Total Pages 29]		a. Computer Readable Form (CRF)						
- Descriptive title	of the invention to to Related Applications		b. Specification Sequence Listing on:						
- Statement Reg	arding Fed sponsored R & D		i. CD-ROM or CD-R (2 copies); or						
or a computer	equence listing, a table, program listing appendix		ii. paper						
- Background of - Brief Summary	the Invention of the Invention		c. Statements verifying identity of above copies						
	on of the Drawings (if filed)		9. Assignment Papers (cover sheet & document)						
- Claim(s)	•		37 CFR 3.73(b) Statement Power of	f					
- Abstract of the	112	ר	10. (when there is an assignee) Attorney	,					
4. ∠ Drawing(s) (35 t	J.S.C. 113) [Total Sheets 12	_]]	11. English Translation Document (if applicable) Information Disclosure Copies of	f IDS					
5. Oath or Declaration	[Total Pages]]	Statement (IDS)/PTO-1449 Citations						
Copy from a	uted (original or copy) a prior application (37 CFR 1.63 (d))		13. Preliminary Amendment Return Receipt Postcard (MPEP 503)						
b. (for continue	ation/divisional with Box 18 completed	d)	(Should be specifically itemized)						
	ION OF INVENTOR(S) atement attached deleting inventor(s)		15. Certified Copy of Priority Document(s) (If foreign priority is claimed)						
	the prior application, see 37 CFR and 1.33(b).		16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
6. Application Data	Sheet. See 37 CFR 1.76		17. Other:						
		d supply t	the requisite information below and in a preliminary amend	lment,					
or in an Application Data Sh	eet under 37 CFR 1.76: Divisional Continuation-in-part	(CID)	of prior application No.:/						
Prior application information:	Examiner	(CIF)	Group Art Unit:	_					
			rior application, from which an oath or declaration is supplied on or divisional application and is hereby incorporated by refe						
	relied upon when a portion has been in	nadvertent	ly omitted from the submitted application parts.						
	19. CORRESP	ONDEN	CE ADDRESS						
Customer Number or Bar C	ode Label (Insert Gustomer No. or Al	fach bar cod	or Correspondence address below						
Name									
	F. CHAU & ASSOCIATES, LI	_P							
Address	1900 Hempstead Turnpike, Suit	e 501							
City	East Meadow	Si	ate New York Zip Code 11554						
Country	U.S.A Teleph		phone (516) 357-0091 Fax (516) 357-009						
Name (Print/Type)	Frank Chau		Registration No. (Attorney/Agent) 34,136						
Signature			Date 2/20/02						

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FEE TRANS	MITTAL					
for FY 2 Patent fees are subject to an						
Applicant claims small entity status. S	ee 37 CFR 1.27					
TOTAL AMOUNT OF PAYMENT	(\$)					

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Application Number		0 ==
Filing Date	February 20, 2002	La,
First Named Inventor	LEE, Jung-Bae	54
Examiner Name		
Group Art Unit		- C
Attorney Docket No.	8729-214	65日

TOTAL AMOUNT OF PATMENT (\$)						Attorney Docket No. 8729-214					
METHOD OF PAYMENT (check all that apply)						FEE CALCULATION (continued)					
Check Credit card Money Other None					3. ADDITIONAL FEES						
Order Order				Large Entity Small Entity							
Deposit Deposit	ACCOUNT:			Fee	Fee Fee Fee Fee Fee Description						
Account Number				105	2 (\$) 130	205	e (\$) 65	Surchan	ge - late filing fee or oath		
Deposit								•			
Account Name				127	50	227	25	cover st	ge - late provisional filing fee or heet		
		ized to: (check all that		139	130	139	130	Non-Eng	glish specification		
= -	(s) indicated bel	ow Credit and s) during the pendency	y overpayments	147	2,520	147	2,520	For filing	g a request for ex parte reexamina	ition	
		low, except for the fill		112	920*	112	920*	Reques	sting publication of SIR prior to er action		
	entified deposit	•	•	113	1.840*	113	1,840*		sting publication of SIR after		
	FEE C	ALCULATION						Examin	er action		
1. BASIC F	ILING FEE			115	110	215	55		ion for reply within first month		
Large Entity		Fee Description		116 117	400 920	216 217	200 460		on for reply within second month on for reply within third month		
Fee Fee Code (\$)	Fee Fee Code (\$)	ree Description	Fee Paid	1	1,440	218	720		on for reply within fourth month		
101 740	201 370	Utility filing fee	740.00		1,960	228					
106 330	206 165	Design filing fee		119	320	219	160		on for reply within fifth month of Appeal		
107 510	207 255	Plant filing fee		120	320	220	160		brief in support of an appeal		
108 740	208 370 214 80	Reissue filing fee		121	280	221	140	•	st for oral hearing		
114 160		Provisional filing fee			1,510		1,510	•	to institute a public use proceeding		
		SUBTOTAL (1) (\$	740.00	140	110	240	55	Petition	to revive - unavoidable		
2. EXTRA	CLAIM FEES	FOR UTILITY A		141	1,280	241	640	Petition	to revive - unintentional		
	om	Extra Claims be	from Fee Paid	142	1,280	242	640	•	sue fee (or reissue)		
Total Claims Independent	40 -20*		=[360.00]	143	460	243	230		issue fee		
Claims	9 - 3*	~ 🕰	<u> = 504.00</u>	144	620	244	310	Plant is:			
Multiple Depe	ndent	[280	=	122	130	122	130		s to the Commissioner		
Large Entity	Small Entity			123	50	123	50 100		sing fee under 37 CFR 1.17(q) sion of Information Disclosure Stm	,	
Fee Fee	Fee Fee	Fee Description		126	180	126	180			"	
Code (\$) 103 18	Code (\$) 203 9	Claims in excess of	20	581	40	581	40	property	ing each patent assignment per y (times number of properties)		
102 84	202 42	Independent claims	in excess of 3	146	740	246	370	Filing a	submission after final rejection		
104 280	204 140	Multiple dependent	claim, if not paid	149	740	249	370	•	R § 1.129(a)) ch additional invention to be		
109 84	209 42	** Reissue indepen over original pate		149	740	249	310		ned (37 CFR § 1.129(b))		
110 18	210 9	** Reissue claims in		179	740	279	370	Reques	st for Continued Examination (RCE)	
	1	and over original	patent	169	900	169	900	Reque	est for expedited examination esign application		
SUBTOTAL (2) (\$)864.00					Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)											

SUBMITTED BY				Complete (if	applicable)	
Name (PrintlType)	Frank Chau	Registration No. (Attorney/Agent)	34,136	Telephone	516-357	-0091
Signature		L		Date	2/20/	02

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Atty. Docket No. <u>8729-214</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:	
Transmitted he	rewith for filing is the patent application of
Inventor(s):	LEE, Jung-Bae and ONE, Gyun Na
For:	DATA INPUT CIRCUIT AND METHOD FOR SYNCHRONOUS SEMICONDUCTOR MEMORY DEVICE
Enclosed are:	
[X] <u>19</u>	page(s) of specification
[X] <u>1</u>	page(s) of Abstract
[X] <u>9</u>	page(s) of claims
[X] <u>12</u>	sheets of drawings [] formal [X] informal
[]	page(s) of Declaration and Power of Attorney
[] An Assignm	ent of the invention to
referred to as en Postal Service on Post Office to Ad	CERTIFICATION UNDER 37 C.F.R. § 1.10 that this New Application Transmittal and the documents closed therein are being deposited with the United States this date February 20, 2002 in an envelope as "Express Mail dressee" Mail Label Number EL922712550US addressed to: ioner for Patents, Washington, D.C. 20231.
	Frank Chau (Type or print name of person mailing paper) (Signature of person mailing paper)

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	APPLICATION N	O(S).:	FII	ING DATE
	_/			
	_/			
[]	Certified copy	of applicat	cions	
<u>Coun</u>	try	Appln. No.	<u>Fil</u>	<u>ed</u>
from is claimed	d [] is enclos [] will fol	ed. low.	e 35 United S	tates Code, § 119
	Number	Number		Basic Fee
For	Filed	Extra	Rate	\$740.00
Total				****
Claims*	40 -20	= 20	x \$ 18.00	\$360.00
Independer Claims		= 6	x \$ 84.00	\$504.00
Multiple Dependent	[] yes	Add'l. Fee		\$
Claims	[] no	Add'l. Fee	None None	= \$
				TOTAL \$1,604.00
C.F.	fied Statement R. § 1.27. Re of total) pai	duced fees u	ınder 37 C.F.F	
	es all independent and C.F.R. § 1.75(c).	single dependent cl	aims and all claims r	eferred to in multiple

[]	A check	in the	amount	of	\$ is	enclosed	for	recording
	the atta	ached A	ssignme	nt.				

- [] A check in the amount of $\underline{\$}$ to cover the filing fee is attached.
- [] Charge fee to Deposit Account No. <u>50-0679</u>. Order No. <u>50-0679</u>. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: 2/20/02

signature of attorney Frank Chau Req. No. 34,136

F. CHAU & ASSOCIATES, LLP 1900 Hempstead Turnpike Suite 501 East Meadow, New York 11554 Tel. No. (516) 357-0091 Fax. (516) 357-0092 FC:sg